

REMARKS

Applicants submit this Amendment to indicate the insertion point for the substitute Sequence Listing filed concurrently herewith. Applicants respectfully request examination on the merits of this application.

Receipt of the initial Office Action on the merits is awaited.

Respectfully submitted,

Jan. 23, 2002
Date

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Versions with Markings to Show Changes Made

Please replace the paragraphs beginning on page 14 at lines 8 and 24 with the following rewritten paragraphs, respectively:

Fig. 1 illustrates the construction of vector pFG100. Ligation of a 2.8 kbp *EcoRI-BamHI* DNA fragment (SEQ ID NO: 25) carrying the replicon of vector pIL2608 and a 298 bp PCR fragment containing *supD* suppressor allele (SEQ ID NO: 26).

Fig. 5 illustrates the construction of vector pFG200. Ligation of an *EcoRI* digestion of plasmid pKR41 carrying a replicon and an *EcoRI* digestion of pAK93 carrying the amber suppressor resulting in the plasmid pMPJ103. *HindIII*-digestion of pMPJ103, self-ligation and electroporation of strain FA4-1-1, resulting in vector pFG200 (SEQ ID NO: 27).

Please replace the paragraphs beginning on page 27 at lines 16, 24 and 39 with the following rewritten paragraphs, respectively:

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Fam5 (SEQ ID NO: 16)          5'  CC TCA ACC TAG GAG AAA ATT ATG C 3' ->
                               || ||| ||* |** ||||| ||| ||| |
5'      ...  ACA CAA TTA ACC  TCA ACT TCT GAG AAA ATT ATG CAA ...  3'

3'      ...  TGT GTT AAT TGG AGT TGA AGA CTC TTT TAA TAC GTT ... 5'
                               | ||||| ||| |||||*|**| |||
Fam6 (portion of SEQ ID NO: 16) <-3'  T GTT AAT TGG AGT TGG ATC CTC T  5'

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(SEQ ID NO: 28) where the amber codon is indicated by * and the introduced *AvrII* restriction site is underlined. Suppression of this amber mutation by *supB* will introduce a serine and the amino acid sequence of the resulting protein will be identical to that of the parent strain.